



NITFS Compliance Registration



Product: Peace Krypton NITF Writer Version 1.0

Sponsor: Lockheed Martin Integrated Systems and Solutions

Developer: Lockheed Martin Integrated Systems and Solutions

Date: 31 August 2006

Expiration: 30 August 2008

Registration #: 2048

☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

System

N-0105/98, §4.1.1

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- ☒ NITF
- ☒ V2.1
- ☐ V2.0
- ☐ V1.1
- ☐ NSIF
- ☐ V1.0

Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☐ Signed Integer *
- ☐ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
- ☐ CCM, 2301
- ☐ CCM, 2301A
- ☐ Labels **

Text Segments

- ☐ STA
- ☐ UT1
- ☐ U8S
- ☐ MTF

Image Segment Types

- ☒ MONO
- ☐ RGB
- ☐ RGB/LUT
- ☐ YCbCr
- ☐ MULTI
- ☐ NODISPLAY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☐ JPEG Lossy, 8-bit
- ☐ JPEG Lossy, 12-bit
- ☐ JPEG Downsample
- ☐ JPEG Lossless
- ☐ JPEG 2000
- ☐ Bi-Level
- ☐ Vector Quantization
- ☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☐ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ GSDE
- ☐
- ☐
- ☐

Complexity Level						
NITF 2.1 CLEVEL						
	3	5	6	7	9	
Interpret						
Generate						
NITF 2.0 CLEVEL						
	1	2	3	4	5	6 Oth
Interpret						
Generate						

Configurations Tested:

- Sun SPARC with Solaris 9

Legend
☒ Fully implemented
☐ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of the product for the intended use. Optional NITFS features may not be implemented.